

10/527375

Docket No.: 13173-00008-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Ute Heim et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: TRANSGENIC EXPRESSION CASSETTES
FOR THE EXPRESSION OF NUCLEIC
ACIDS IN CARBOHYDRATE-STORING
SINK TISSUES OF PLANTS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Of the documents listed on the attached SB/08 are the documents cited in an International Search Report during the prosecution of international application no. PCT/EP03/009855, which corresponds to the above referenced application, and in accordance with 37 CFR 1.97(b)(2), Applicants hereby submit these documents for the Examiner's consideration. Copies of the International Search Report and of each document are enclosed.

Application No.: Not Assigned

Doc Rec'd PCT/PTO 10 MAR 2005
Doc No.: 13173-00008-US

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This statement is not to be interpreted as a representation that the cited documents are material, that a search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.

Applicants believe no fee is due with this Information Disclosure Statement. However, if a fee is due please charge our Deposit Account No. 03-2775, under Order No. 13173-00008-US from which the undersigned is authorized to draw.

Dated: 3/10/05

Respectfully submitted,

By Roberte Makowski
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Substitute for form 1449A/B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	Not Yet Assigned 10/527375
				Filing Date	Concurrently Herewith
				First Named Inventor	Ute Heim
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	13173-00008-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-5,436,393	07-25-1995	Rocha-Sosa et al.	
	AB	US-5,608,150	03-04-1997	Conner	
	AC	US-5,859,330	01-12-1999	Bestwick et al.	
	AD	US-6,127,179	10-03-2000	DellaPenna et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)				
	BA	EP-0 375 092	06-27-1990	Institut Für Genbiologische Forschung Berlin GmbH		See US 5,436,393
	BB	WO-91/19806	12-26-1991	Monsanto Company		
	BC	WO-98/40503	09-17-1998	Plantec Biotechnologie GmbH		
	BD	WO-00/26388	05-11-2000	Institut Für Pflanzengenetik Und Kulturpflanzenforschung		See CA 2 348 888
	BE	CA-2 348 888	05-11-2000	Institut Für Pflanzengenetik Und Kulturpflanzenforschung		
	BF	WO-00/66610	11-09-2000	Agritope Inc.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Bevan et al. (1986) Nucl Acids Res 14, pp. 4625-4638	
	CB	Salanoubat, Marcel et al. "Molecular Cloning and Sequencing of Sucrose Synthase cDNA From Potato (<i>Solanum tuberosum</i> L.): Preliminary Characterization of Sucrose Synthase mRNA Distribution" (1987) Gene 60, pp. 47-56	
	CC	Deickmann, Jill et al. "Interaction Of A DNA Binding Factor With The 5'-Flanking Region Of An Ethylene-Responsive Fruit Ripening Gene From Tomato" (1988) EMBO Journal 7, pp. 3315-3320	
	CD	Salanoubat, Marcel et al. "The Steady-State Level Of Potato Sucrose Synthase mRNA Is Dependent On Wounding, Anaerobiosis And Sucrose Concentration" (1989), Gene 84, pp. 181-185	
	CE	Brisson, Normand, et al., "Maturation And Subcellular Compartmentation Of Potato Starch Phosphorylase" (1989) The Plant Cell 1(5), pp. 559-566	
	CF	Rocha-Sosa, Mario et al. "Both Developmental And Metabolic Signals Activate The Promoter Of A Class I Patatin Gene" (1989), EMBO Journal 8, pp. 23-29	
	CG	Pear, Julie R. et al. "Isolation And Characterization Of A Fruit-Specific cDNA And The Corresponding Genomic Clone From Tomato" (1989) Plant Molecular Biology 13, pp. 639-651	
Examiner Signature			Date Considered

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Ute Heim
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	13173-00008-US

CH	Jefferson, Richard et al. "Transcriptional Regulation Of A Patatin-1 Gene Potato" (1990) Plant Molecular Biology 14, pp. 995-1006	
CI	Müller-Röber, Bernd Thomas et al. "One Of Two Different ADP-glucose Pyrophosphorylase Genes From Potato Responds Strongly To Elevated Levels of Sucrose" (1990) Mol Gen Genet 224, pp. 136-146	
CJ	Hannapel, David J. "Differential Expression Of Potato Tuber Protein Genes" (1990) Plant Physiol. 94, pp. 919-925	
CK	Baumlein, Helmut et al. "A Novel Seed Protein Gene From <i>Vicia faba</i> Is Developmentally Regulated In Transgenic Tobacco And <i>Arabidopsis</i> Plants" (1991) Mol Gen Genet 225, pp. 459-467	
CL	Lin, Ershen et al. "Fruit Developmental Regulation Of The Kiwifruit Actinidin Promoter Is Conserved In Transgenic Petunia Plants" (1993) Plant Molecular Biology 23, pp. 489-499	
CM	Sonnewald, Uwe et al. "A Second L-type Isozyme Of Potato Glucan Phosphorylase: Cloning, Antisense Inhibition And Expression Analysis" (1995) Plant Molecular Biology 27, pp. 567-576	
CN	St-Pierre, Benoit et al. "5' Deletion Analysis Of The Potato Starch Phosphorylase Gene: An Upstream Sequence Defines Distal Regulatory Elements And A Proximal Organ-Dependent Promoter" (1995) Plant Science 110(2), pp. 193-203	
CO	Buchner, Peter et al. "Glucan Phosphorylases in <i>Vicia faba</i> L.: Cloning, Structural Analysis And Expression Patterns Of Cytosolic And Plastidic Forms In Relation To Starch" (1996) Planta 199, pp. 64-73	
CP	St-Pierre, Benoit et al. "The Starch Phosphorylase Gene Is Subjected To Different Modes Of Regulation In Starch-Containing Tissues Of Potato" (1996) Plant Molecular Biology 30, pp. 1087-1098	
CQ	Mette, M.F. et al. "Production Of Aberrant Promoter Transcripts Contributes To Methylation And Silencing Of Unlinked Homologous Promoters <i>in trans</i> " (1999) EMBO Journal 18, pp. 241-248	
CR	Buchner, P. et al. " <i>Vicia faba</i> var. minor mRNA for alpha 1,4glucan phosphorylase L isoform precursor (VfPhol gene)" GenBank Accession No. Z36880, 4/2/03	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Signature		Date Considered	
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